

August 31, 2006

**CEQA Initial Study - Environmental Checklist Form
(Based on the State CEQA Guidelines, Appendix G Rev. 10/04)**

1. Project Number(s)/Environmental Log Number/Title:

TPM 20778RPL³, Log No. 03-20-007; PIJNENBURG

2. Lead agency name and address:

County of San Diego, Department of Planning and Land Use
5201 Ruffin Road, Suite B,
San Diego, CA 92123-1666

3. a. Contact Megan Hamilton, Project Manager
b. Phone number: (858) 694-3694
c. E-mail: megan.hamilton@sdcounty.ca.gov.

4. Project location:

The project is located at 21321 Barrett Smith Road, Dulzura an unincorporated community of San Diego County. The site is within the Jamul-Dulzura Community Plan and the APN is 652-030-02.

Thomas Brothers Coordinates: Page 429, Grid K/10

5. Project Applicant name and address:

Jean C. Pijnenburg, 21321 Barrett Smith Road, Dulzura CA 91917

6. General Plan Designation

Community Plan:	Jamul-Dulzura
Land Use Designation:	(18) Multiple Rural Use
Density:	1 du/4, 8, 20 acre(s)

7. Zoning
Use Regulation: A72 general Agriculture
Minimum Lot Size: 8 acres, 20 acres N and S of Highway 94,
respectively
Special Area Regulation: --

8. Description of project:

The project proposes a minor subdivision of 76.4 gross acres into four parcels and a remainder ranging in size from 8.8 to 23.7 gross acres. Construction associated with the subdivision includes four new pads, driveways, septic fields and fire clearing. There is an existing residence on proposed Parcel 2 that is to remain. Grading associated with the project includes a balanced cut and fill of approximately 9,200 cubic yards. The project site is groundwater dependent. Access to parcels 1 through 3 is from Barrett Smith Road. Access to Parcel 4 and the Remainder Parcel is from Highway 94 and will require improvements within the CalTrans right of way.

9. Surrounding land uses and setting (Briefly describe the project's surroundings):

Lands surrounding the site in all directions are undeveloped, with steep slope lands to the south and west of the site. Potrero Creek runs adjacent to the northern property boundary. The drainage onsite that drains into Potrero Creek qualifies as an RPO wetland. Highway 94 bisects the property and there are onsite steep slope lands south of Highway 94. The site is immediately adjacent to MSCP preserve lands, south of Highway 94 and to the west.

10. Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement):

<u>Permit Type/Action</u>	<u>Agency</u>
Tentative Parcel Map	County of San Diego
Grading Permit	County of San Diego
Improvement Plans	County of San Diego
Groundwater Wells and Exploratory or Test Borings Permit	County of San Diego
Septic Tank Permit	County of San Diego
Water Well Permit	County of San Diego
State Highway Encroachment Permit	CalTrans
Fire District Approval	San Diego Rural Fire Protection District

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED: The environmental factors checked below would be potentially affected by this project and involve at least one impact that is a "Potentially Significant Impact" or a "Potentially Significant Impact Unless Mitigation Incorporated," as indicated by the checklist on the following pages.

- | | | |
|--|---|---|
| <input type="checkbox"/> Aesthetics | <input type="checkbox"/> Agriculture Resources | <input type="checkbox"/> Air Quality |
| <input checked="" type="checkbox"/> Biological Resources | <input type="checkbox"/> Cultural Resources | <input type="checkbox"/> Geology & Soils |
| <input type="checkbox"/> Hazards & Haz. Materials | <input type="checkbox"/> Hydrology & Water Quality | <input type="checkbox"/> Land Use & Planning |
| <input type="checkbox"/> Mineral Resources | <input checked="" type="checkbox"/> Noise | <input type="checkbox"/> Population & Housing |
| <input type="checkbox"/> Public Services | <input type="checkbox"/> Recreation | <input type="checkbox"/> Transportation/Traffic |
| <input type="checkbox"/> Utilities & Service Systems | <input type="checkbox"/> Mandatory Findings of Significance | |

DETERMINATION: (To be completed by the Lead Agency)
On the basis of this initial evaluation:

- ☐ On the basis of this Initial Study, the Department of Planning and Land Use finds that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- ☒ On the basis of this Initial Study, the Department of Planning and Land Use finds that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- ☐ On the basis of this Initial Study, the Department of Planning and Land Use finds that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

Signature

Megan Hamilton

Printed Name

August 31, 2006

Date

Land Use/Environmental Planner
Title

INSTRUCTIONS ON EVALUATION OF ENVIRONMENTAL IMPACTS

1. A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A “No Impact” answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A “No Impact” answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, potentially significant unless mitigation incorporated, or less than significant. “Potentially Significant Impact” is appropriate if there is substantial evidence that an effect may be significant. If there are one or more “Potentially Significant Impact” entries when the determination is made, an EIR is required.
4. “Potential Significant Unless Mitigation Incorporated” applies where the incorporation of mitigation measures has reduced an effect from “Potentially Significant Impact” to a “Less Than Significant Impact.” The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level.
5. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
 - a) Earlier Analysis Used. Identify and state where they are available for review.
 - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
 - c) Mitigation Measures. For effects that are “Potentially Significant Unless Mitigation Incorporated,” describe the mitigation measures that were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
7. The explanation of each issue should identify:
 - a) The significance criteria or threshold, if any, used to evaluate each question; and
 - b) The mitigation measure identified, if any, to reduce the impact to less than significance

I. AESTHETICS -- Would the project:

a) Have a substantial adverse effect on a scenic vista?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: Scenic vistas are singular vantage points that offer unobstructed views of valued viewsheds, including areas designated as official scenic vistas along major highways or County designated visual resources. Based on a site visit completed by Megan Hamilton on November 16, 2004, the proposed project is not located near or visible from a scenic vista and will not change the composition of an existing scenic vista. The project site is located north and south of Highway 94. Therefore, the proposed project will not have any substantial adverse effect on a scenic vista.

b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: State scenic highways refer to those highways that are officially designated. A scenic highway is officially designated as a State scenic highway when the local jurisdiction adopts a scenic corridor protection program, applies to the California Department of Transportation for scenic highway approval, and receives notification from CalTrans that the highway has been designated as an official Scenic Highway. Based on a site visit completed by Megan Hamilton on November 16, 2004, the proposed project is not located near or visible within the same composite viewshed as a State scenic highway and will not change the visual composition of an existing scenic resource within a State scenic highway. Generally, the area defined within a State scenic highway is the land adjacent to and visible from the vehicular right-of-way. The dimension of a scenic highway is usually identified using a motorist's line of vision, but a reasonable boundary is selected when the view extends to the distant horizon. The project site is bisected by Highway 94 that is not considered a State scenic highway. Therefore, the proposed project will not have any substantial adverse effect on a scenic resource within a State scenic highway.

- c) Substantially degrade the existing visual character or quality of the site and its surroundings?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: Visual character is the objective composition of the visible landscape within a viewshed. Visual character is based on the organization of the pattern elements line, form, color, and texture. Visual character is commonly discussed in terms of dominance, scale, diversity and continuity. Visual quality is the viewer's perception of the visual environment and varies based on exposure, sensitivity and expectation of the viewers. The existing visual character and quality of the project site and surrounding area can be characterized as undeveloped.

The proposed project is a minor subdivision. The project is compatible with the existing visual environment's visual character and quality for the following reasons: parcel sizes are of sufficient size to support a single-family residence while still leaving land in its natural state.

The project will not result in cumulative impacts on visual character or quality because the entire existing viewshed and a list of past, present and future projects within that viewshed were evaluated. Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered. Those projects listed in Section XVII are located within the viewshed surrounding the project and will not contribute to a cumulative impact for the following reasons: the project does not propose any grading on steep slopes, land that is the most sensitive and adjacent to preserved lands will not be impacted by the project. Therefore, the project will not result in any adverse project or cumulative level effect on visual character or quality on-site or in the surrounding area.

- d) Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The project proposes a minor residential subdivision, which may include outdoor lighting. Any future outdoor lighting pursuant to this project shall be required to meet the requirements of the County of San Diego Zoning Ordinance (Section 6322-6326) and the Light Pollution Code (Section 59.101-59.115).

The project will not contribute to significant cumulative impacts on day or nighttime views because the project will conform to the Light Pollution Code. The Code was developed by the San Diego County Department of Planning and Land Use and Department of Public Works in cooperation with lighting engineers, astronomers, land use planners from San Diego Gas and Electric, Palomar and Mount Laguna observatories, and local community planning and sponsor groups to effectively address and minimize the impact of new sources light pollution on nighttime views. The standards in the Code are the result of this collaborative effort and establish an acceptable level for new lighting. Compliance with the Code is required prior to issuance of any building permit for any project. Mandatory compliance for all new building permits ensures that this project in combination with all past, present and future projects will not contribute to a cumulatively considerable impact. Therefore, compliance with the Code ensures that the project will not create a significant new source of substantial light or glare, which would adversely affect daytime or nighttime views in the area, on a project or cumulative level

II. AGRICULTURE RESOURCES -- In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:

- a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

☐ Potentially Significant Impact

☐ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☒ No Impact

Discussion/Explanation:

No Impact: The project site does not contain any lands designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency. In addition, the project does not contain Farmland of Local Importance. Therefore, no Prime Farmland, Unique Farmland, Farmland of Statewide or Farmland of Local Importance will be converted to a non-agricultural use.

b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The project site is zoned A72, which is considered to be an agricultural zone. However, the proposed project will not result in a conflict in zoning for agricultural use, because residential uses is a permitted use in A72 zones and will not create a conflict with existing zoning for agricultural use. Additionally, the project site's land is not under a Williamson Act Contract. Therefore, there will be no conflict with existing zoning for agricultural use, or a Williamson Act contract.

c) Involve other changes in the existing environment, which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The project site and surrounding area within radius of one mile do not contain any lands designated as Prime Farmland, Unique Farmland, Farmland of Statewide Importance or Farmland of Local Importance as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency. Therefore, no Prime Farmland, Unique Farmland, Farmland of Statewide, or Farmland of Local Importance will be converted to a non-agricultural use.

III. AIR QUALITY -- Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

a) Conflict with or obstruct implementation of the San Diego Regional Air Quality Strategy (RAQS) or applicable portions of the State Implementation Plan (SIP)?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The project proposes development that was anticipated in SANDAG growth projections used in development of the RAQS and SIP. Operation of the project will not result in emissions of significant quantities of criteria pollutants listed in the California Ambient Air Quality Standards or toxic air contaminants as identified by the California Air Resources Board. As such, the proposed project is not expected to conflict with either the RAQS or the SIP. In addition, the project is consistent the SANDAG growth projections used in the RAQS and SIP, therefore, the project will not contribute to a cumulatively considerable impact.

- b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

In general, air quality impacts from land use projects are the result of emissions from motor vehicles, and from short-term construction activities associated with such projects. The San Diego County Air Pollution Control District (SDAPCD) has established screening-level criteria for all new source review (NSR) in APCD Rule 20.2. For CEQA purposes, these screening-level criteria can be used as numeric methods to demonstrate that a project's total emissions (e.g. stationary and fugitive emissions, as well as emissions from mobile sources) would not result in a significant impact to air quality. Since APCD does not have screening-level criteria for emissions of volatile organic compounds (VOCs), the use of the screening level for reactive organic compounds (ROC) from the CEQA Air Quality Handbook for the South Coast Air Basin (SCAB), which has stricter standards for emissions of ROCs/VOCs than San Diego's, is appropriate. However, the eastern portions of the county have atmospheric conditions that are characteristic of the Southeast Desert Air Basin (SEDAB). SEDAB is not classified as an extreme non-attainment area for ozone and therefore has a less restrictive screening-level. Projects located in the eastern portions of the County can use the SEDAB screening-level threshold for VOCs.

Less Than Significant Impact: The project proposes a minor subdivision which will eventually result in the construction of four new pads and associated driveways, leach fields and fire clearing and, a private road easement. However, grading operations associated with the construction of the project would be subject to County of San Diego Grading Ordinance, which requires the implementation of dust control measures. Emissions from the construction phase would be minimal and localized, resulting in pollutant emissions below the screening-level criteria established by SDAPCD Rule 20.2 and by the South Coast Air Quality Management District (SCAQMD) CEQA Air Quality Handbook section 6.2 and 6.3. In addition, the vehicle trips generated from the

project will result in 60 Average Daily Trips (ADTs). According to the Bay Area Air Quality Management District CEQA Guidelines for Assessing the Air Quality Impacts of Projects and Plans, projects that generate less than 2,000 ADT are below the Screening-Level Criteria established by SDAPCD Rule 20.2 and by the SCAQMD CEQA Air Quality Handbook section 6.2 and 6.3 for criteria pollutants. As such, the project will not violate any air quality standard or contribute substantially to an existing or projected air quality violation.

- c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

San Diego County is presently in non-attainment for the 1-hour concentrations under the California Ambient Air Quality Standard (CAAQS) for Ozone (O₃). San Diego County is also presently in non-attainment for the annual geometric mean and for the 24-hour concentrations of Particulate Matter less than or equal to 10 microns (PM₁₀) under the CAAQS. O₃ is formed when volatile organic compounds (VOCs) and nitrogen oxides (NO_x) react in the presence of sunlight. VOC sources include any source that burns fuels (e.g., gasoline, natural gas, wood, oil); solvents; petroleum processing and storage; and pesticides. Sources of PM₁₀ in both urban and rural areas include: motor vehicles, wood burning stoves and fireplaces, dust from construction, landfills, agriculture, wildfires, brush/waste burning, and industrial sources of windblown dust from open lands.

Less Than Significant Impact: Air quality emissions associated with the project include emissions of PM₁₀, NO_x and VOCs from construction/grading activities, and VOCs as the result of increase of traffic from operations at the facility. However, grading operations associated with the construction of the project would be subject to County of San Diego Grading Ordinance, which requires the implementation of dust control measures. Emissions from the construction phase would be minimal and localized, resulting in PM₁₀ and VOC emissions below the screening-level criteria established by SDAPCD Rule 20.2 and by the South Coast Air Quality Management District (SCAQMD) CEQA air quality handbook section 6.2 and 6.3. The vehicle trips generated from the project will result in 60 Average Daily Trips (ADTs). According to the Bay Area Air Quality Management District CEQA Guidelines for Assessing the Air Quality Impacts of Projects and Plans, projects that generate less than 2,000 ADT are below the Screening-Level Criteria established by SDAPCD Rule 20.2 and by the SCAQMD CEQA air quality handbook section 6.2 and 6.3 for VOCs and PM₁₀.

In addition, a list of past, present and future projects within the surrounding area were evaluated and none of these projects emit significant amounts of criteria pollutants. Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered. The proposed project as well as the past, present and future projects within the surrounding area, have emissions below the screening-level criteria established by SDAPCD Rule 20.2 and by the SCAQMD CEQA air quality handbook section 6.2 and 6.3, therefore, the construction and operational emissions associated with the proposed project are not expected to create a cumulatively considerable impact nor a considerable net increase of PM₁₀, or any O₃ precursors.

d) Expose sensitive receptors to substantial pollutant concentrations?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

Air quality regulators typically define sensitive receptors as schools (Preschool-12th Grade), hospitals, resident care facilities, or day-care centers, or other facilities that may house individuals with health conditions that would be adversely impacted by changes in air quality.

No Impact: Based a site visit conducted by Megan Hamilton on November 16, 2004 , sensitive receptors have not been identified within a quarter-mile (the radius determined by the SCAQMD in which the dilution of pollutants is typically significant) of the proposed project. Furthermore, no point-source emissions of air pollutants (other than vehicle emissions) are associated with the project. As such, the project will not expose sensitive populations to excessive levels of air pollutants.

e) Create objectionable odors affecting a substantial number of people?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The project could produce objectionable odors, which would result from volatile organic compounds, ammonia, carbon dioxide, hydrogen sulfide, methane, alcohols, aldehydes, amines, carbonyls, esters, disulfides dust and endotoxins from the construction and operational phases. However, these substances, if present at all, would only be in trace amounts (less than 1 µg/m³). Subsequently, no significant air quality – odor impacts are expected to affect surrounding receptors. Moreover, the affects of objectionable odors are localized to the immediate surrounding

area and will not contribute to a cumulatively considerable odor. A list of past, present and future projects within the surrounding area were evaluated and none of these projects create objectionable odors. Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered.

IV. BIOLOGICAL RESOURCES -- Would the project:

- a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

☐ Potentially Significant Impact

☐ Less than Significant Impact

☒ Potentially Significant Unless
Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

Potentially Significant Unless Mitigation Incorporated: The following discussion is based on a Biological Technical Report prepared by Robin Church, dated January 2005, a staff site visit, aerial photos and GIS information. The 76.4-acre site supports 46 acres of southern mixed chaparral, 27.5 acres of coastal sage-chaparral scrub and 2.87 acres of developed lands. A drainage on-site qualifies as an RPO wetland, but does not support hydrophytic vegetation. Two sensitive animal species were observed on-site: turkey vulture and mule deer. The project will directly impact 10.67 acres of native habitat. However, the project will conserve 28.4 acres of native habitat, including a minimum 400-foot wide swath of land along the western property boundary. The portion of the proposed open space easement south of Highway 94 is adjacent to existing MSCP preserve lands and the proposed easement north of Highway 94 includes the on-site RPO wetlands. Turkey vultures can continue to forage on-site and mule deer can continue to move through the site and access Potrero Creek to the north. Thus, through minimizing project impacts and dedication of a biological open space easement there will be no substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service.

- b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?

☐ Potentially Significant Impact

☐ Less than Significant Impact

☒ Potentially Significant Unless
Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

Potentially Significant Unless Mitigation Incorporated: The following discussion is based on a Biological Technical Report prepared by Robin Church, dated January 2005, a staff site visit, aerial photos and GIS information. The 76.4-acre site supports 46 acres of southern mixed chaparral, 27.5 acres of coastal sage-chaparral scrub and 2.87 acres of developed lands. A drainage onsite qualifies as an RPO wetland, but does not support hydrophytic vegetation and will be preserved within a biological open space easement. Therefore the project will not have a substantial adverse effect on any riparian habitat. The project will directly impact 10.67 acres of sensitive natural community habitat, including 7.20 acres of southern mixed chaparral and 3.47 acres of coastal sage-chaparral scrub. However, the project will conserve 28.4 acres of native habitat (19.32 acres of southern mixed chaparral and 9.08 acres of coastal sage-chaparral scrub), including a minimum 400 ft wide swath of land along the western property boundary. The portion of the proposed open space easement south of Highway 94 is adjacent to existing MSCP preserve lands and the proposed easement north of Highway 94 includes the onsite RPO wetlands. The development is setback 100 feet and 200 feet north and south of Highway 94, respectively (based on the predominant habitat type) to protect the conserved habitat from potential indirect impacts, including noise, lighting, human encroachment and invasive species. Furthermore, no off-site impacts have been identified within or immediately adjacent to a riparian or otherwise sensitive habitat. Therefore, through the mitigation measures listed above, impacts to any sensitive natural community identified in the County of San Diego Multiple Species Conservation Program, County of San Diego Resource Protection Ordinance, Natural Community Conservation Plan, Fish and Game Code, Endangered Species Act, Clean Water Act, or any other local or regional plans, policies or regulations, are considered less than significant.

- c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

Less Than Significant Impact: Based on a Biological Technical Report prepared by Robin Church, dated January 2005, a staff site visit, aerial photos and GIS information it has been determined that the project site does contain water of the U.S. as defined by Section 404 of the Clean Water Act. However, the water of the U.S. will be placed within a biological open space easement such that it will not be impacted through direct removal, filling, hydrological interruption, diversion or obstruction by the proposed

development. Therefore, no impacts will occur to wetlands defined by Section 404 of the Clean Water Act in which the Army Corps of Engineers maintains jurisdiction over.

- d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

- | | |
|--|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input checked="" type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Potentially Significant Unless Mitigation Incorporated: The following discussion is based on a Biological Technical Report prepared by Robin Church, dated January 2005, a staff site visit, aerial photos and GIS information. The 76.4-acre site supports 46 acres of southern mixed chaparral, 27.5 acres of coastal sage-chaparral scrub and 2.87 acres of developed lands. A drainage on-site qualifies as an RPO wetland, but does not support hydrophytic vegetation. The site is mostly undeveloped and is divided by Highway 94 with lands south of Highway 94 consisting mostly of steep slopes. An existing single-family residence is on-site north of Highway 94. Potrero Creek flows off-site along the northern property boundary. The primary wildlife corridor within the immediate vicinity would be associated with Potrero Creek. The project will not impact this local and regional wildlife corridor. The project will conserve 28.4 acres of native habitat (19.32 acres of southern mixed chaparral and 9.08 acres of coastal sage-chaparral scrub), including a minimum 400-foot wide swath of land along the western property boundary. The portion of the proposed open space easement south of Highway 94 is adjacent to existing MSCP preserve lands and the proposed easement north of Highway 94 includes the on-site RPO wetlands that drain into Potrero Creek. Thus, wildlife movement through the property to and from Potrero creek will not be impeded by the project.

- e) Conflict with the provisions of any adopted Habitat Conservation Plan, Natural Communities Conservation Plan, other approved local, regional or state habitat conservation plan or any other local policies or ordinances that protect biological resources?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Refer to the attached Ordinance Compliance Checklist dated August 31, 2006 for further information on consistency with any adopted Habitat Conservation Plan, Natural

Communities Conservation Plan, other approved local, regional or state habitat conservation plan, including, Habitat Management Plans (HMP) Special Area Management Plans (SAMP) or any other local policies or ordinances that protect biological resources including the Multiple Species Conservation Program (MSCP), Biological Mitigation Ordinance, Resource Protection Ordinance (RPO), Habitat Loss Permit (HLP).

V. CULTURAL RESOURCES -- Would the project:

a) Cause a substantial adverse change in the significance of a historical resource as defined in 15064.5?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

Less Than Significant Impact: Based on an analysis of records and a survey of the property by a County of San Diego qualified archaeologist, Andrew R. Pignuolo with Laguna Mountain Environmental, Inc., on February 1 and 2, 2005, it has been determined that there are two historical resources within the project site. These resources include two historic sites CA-SDI-17136 and CA-SDI-17137 within the project area. A cultural resources report titled, "*Cultural Resource Testing and Evaluation for the Pijnenburg Lot Split Project, Dulzura, California TPM 20778*", prepared by Andrew R. Pignuolo with Laguna Mountain Environmental, Inc., dated May 2005. The report evaluated the significance of the historical resources based on a review of historical records and archaeological excavation. The testing shows that site CA-SDI-17136, identified, as two mining prospect pits along with a small quartz dike, had no subsurface deposits and was determined to be not significant. The size of the dike and the level of excavation effort that was expended reflects a short term effort with poor results. A claim was never established. Site CA-SDI-17137, a series of building foundations of potentially historic area buildings, was found to have some subsurface cultural material, but that material was dated to a more recent time and was not historic. This site also was determined to be not significant. Based on the results of this study, it has been determined that the historic resource(s) are not significant pursuant to the State of California Environmental Quality Act (CEQA) Guidelines, Section 15064.5. Moreover, if the resources are not considered significant historic resources pursuant to CEQA Section 15064.5 loss of these resources cannot contribute to a potentially significant cumulative impact.

b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to 15064.5?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The project site has been surveyed by a County qualified archaeologist, Andrew R. Pignuolo with Laguna Mountain Environmental, Inc., on February 1 and 2, 2005, and it has been determined that there are two archaeological resources present. These resources include two historic sites CA-SDI-17136 and CA-SDI-17137 within the project area. An archaeological technical study titled, "*Cultural Resource Testing and Evaluation for the Pijnenburg Lot Split Project, Dulzura, California TPM 20778*", prepared by Andrew R. Pignuolo with Laguna Mountain Environmental, Inc., dated May 2005, evaluated the significance of the archaeological resources based on subsurface testing, analysis of recovered artifacts, and other investigations and has determined that the archaeological resource(s) are not significant pursuant to the State of California Environmental Quality Act (CEQA) Guidelines, Section 15064.5. Moreover, if the resources are not considered significant archaeological resources pursuant to CEQA Section 15064.5 loss of these resources cannot contribute to a potentially significant cumulative impact.

- c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: A review of the paleontological maps provided by the San Diego Museum of Natural History indicates that the project is located on igneous rock and has no potential for producing fossil remains. Additionally, based on a site visit by Megan Hamilton on November 16, 2004, no known unique geologic features were identified on the property or in the immediate vicinity.

- d) Disturb any human remains, including those interred outside of formal cemeteries?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: Based on an analysis of records and a survey of the property by a County of San Diego qualified archaeologist, Andrew R. Pignuolo with Laguna Mountain Environmental, Inc., on February 1 and 2, 2005, it has been determined that the project will not disturb any human remains because the project site does not include a formal cemetery or any archaeological resources that might contain interred human remains. The results of the survey are provided in an archaeological survey report titled, *"Cultural Resource Testing and Evaluation for the Pijnenburg Lot Split Project, Dulzura, California TPM 20778"*, prepared by Andrew R. Pignuolo with Laguna Mountain Environmental, Inc., dated May 2005.

VI. GEOLOGY AND SOILS -- Would the project:

a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:

- i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?
Refer to Division of Mines and Geology Special Publication 42.

- ☐ Potentially Significant Impact
- ☐ Potentially Significant Unless Mitigation Incorporated

- ☐ Less than Significant Impact
- ☒ No Impact

Discussion/Explanation:

No Impact: The project is not located in a fault rupture hazard zone identified by the Alquist-Priolo Earthquake Fault Zoning Act, Special Publication 42, Revised 1997, Fault-Rupture Hazards Zones in California, or located within any other area with substantial evidence of a known fault. Therefore, there will be no impact from the exposure of people or structures to adverse effects from a known hazard zone as a result of this project.

- ii. Strong seismic ground shaking?

- ☐ Potentially Significant Impact
- ☐ Potentially Significant Unless Mitigation Incorporated

- ☐ Less than Significant Impact
- ☒ No Impact

Discussion/Explanation:

No Impact: The Uniform Building Code (UBC) and the California Building Code (CBC) classifies all San Diego County with the highest seismic zone criteria, Zone 4. However, the project is not located within 5 kilometers of the centerline of a known

active-fault zone as defined within the Uniform Building Code's Maps of Known Active Fault Near-Source Zones in California. In addition, the project will have to conform to the Seismic Requirements -- Chapter 16 Section 162- *Earthquake Design* as outlined within the California Building Code. Section 162 requires a soils compaction report with proposed foundation recommendations to be approved by a County Structural Engineer before the issuance of a building or grading permit. Therefore, there will be no impact from the exposure of people or structures to potential adverse effects from strong seismic ground shaking as a result of this project.

iii. Seismic-related ground failure, including liquefaction?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The geology of the project site is identified as Cretaceous Plutonic. This geologic environment is not susceptible to ground failure from seismic activity. In addition, the site is not underlain by poor artificial fill or located within a floodplain. Therefore, there will be no impact from the exposure of people to adverse effects from a known area susceptible to ground failure.

iv. Landslides?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The site is not located within a landslide susceptibility zone. Also, staff geologist has determined that the geologic environment of the project area has a low probability to be located within an area of potential or pre-existing conditions that could become unstable in the event of seismic activity.

b) Result in substantial soil erosion or the loss of topsoil?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: According to the Soil Survey of San Diego County, the soils on-site are identified as Stoney land, Cieneba-Fallbrook rocky sandy loam, Cieneba very rocky coarse sandy loam, acid igneous rock land that all have a soil erodibility rating of severe as indicated by the Soil Survey for the San Diego Area, prepared by the US Department of Agriculture, Soil Conservation and Forest Service dated December 1973. However, the project will not result in substantial soil erosion or the loss of topsoil for the following reasons:

- The project will not result in unprotected erodible soils; will not alter existing drainage patterns; is not located in a floodplain, wetland, or significant drainage feature; and will not develop steep slopes.
- The project has prepared a Stormwater Management Plan dated June 4, 2004, prepared by Jean Pijnenburg. The plan includes the following Best Management Practices to ensure sediment does not erode from the project site: silt fences, sand bag barriers, water conservation practices etc.
- The project involves grading. However, the project is required to comply with the San Diego County Code of Regulations, Title 8, Zoning and Land Use Regulations, Division 7, Sections 87.414 (DRAINAGE - EROSION PREVENTION) and 87.417 (PLANTING). Compliance with these regulations minimizes the potential for water and wind erosion.

Due to these factors, it has been found that the project will not result in substantial soil erosion or the loss of topsoil on a project level.

In addition, the project will not contribute to a cumulatively considerable impact because all the of past, present and future projects included on the list of projects that involve grading or land disturbance are required to follow the requirements of the San Diego County Code of Regulations, Title 8, Zoning and Land Use Regulations, Division 7, Sections 87.414 (DRAINAGE - EROSION PREVENTION) and 87.417 (PLANTING); Order 2001-01 (NPDES No. CAS 0108758), adopted by the San Diego Region RWQCB on February 21, 2001; County Watershed Protection, Storm Water Management, and Discharge Control Ordinance (WPO) (Ord. No. 9424); and County Storm water Standards Manual adopted on February 20, 2002, and amended January 10, 2003 (Ordinance No. 9426). Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered.

- c) Will the project produce unstable geological conditions that will result in adverse impacts resulting from landslides, lateral spreading, subsidence, liquefaction or collapse?

☐ Potentially Significant Impact

☐ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☒ No Impact

Discussion/Explanation:

No Impact: The project is not located on or near geological formations that are unstable or would potentially become unstable as a result of the project. On a site visit conducted by Megan Hamilton on November 16, 2004, no geological formations or features were noted that would produce unstable geological conditions as a result of the project. For further information refer to VI Geology and Soils, Question a., i-iv listed above.

- d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?

☐ Potentially Significant Impact

☐ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☒ No Impact

Discussion/Explanation:

No Impact: The project does not contain expansive soils as defined by Table 18-I-B of the Uniform Building Code (1994). The soils on-site are Stoney land, Cieneba-Fallbrook rocky sandy loam, Cieneba very rocky coarse sandy loam, acid igneous rock land . These soils have a shrink-swell behavior of low and represent no substantial risks to life or property. Therefore, the project will not create a substantial risk to life or property. This was confirmed by staff review of the Soil Survey for the San Diego Area, prepared by the US Department of Agriculture, Soil Conservation and Forest Service dated December 1973.

- e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

Less Than Significant Impact: The project proposes to discharge domestic waste to on-site wastewater systems (OSWS), also known as septic systems. The project involves 5 new standard OSWS. Discharged wastewater must conform to the Regional Water Quality Control Board's (RWQCB) applicable standards, including the Regional Basin Plan and the California Water Code. California Water Code Section 13282 allows RWQCBs to authorize a local public agency to issue permits for OSWS "to ensure that systems are adequately designed, located, sized, spaced, constructed and maintained." The RWQCBs with jurisdiction over San Diego County have authorized the County of San Diego, Department of Environmental Health (DEH) to issue certain OSWS permits throughout the County and within the incorporated cities. DEH has reviewed the OSWS

lay-out for the project pursuant to DEH, Land and Water Quality Division's, "On-site Wastewater Systems: Permitting Process and Design Criteria." DEH approved the project's OSWS on September 9, 2003. Therefore, the project has soils capable of adequately supporting the use of septic tanks or alternative wastewater disposal systems as determined by the authorized, local public agency. In addition, the project will comply with the San Diego County Code of Regulatory Ordinances, Title 6, Div. 8, Chap. 3, Septic Tanks and Seepage Pits.

VII. HAZARDS AND HAZARDOUS MATERIALS -- Would the project:

- a) Create a significant hazard to the public or the environment through the routine transport, storage, use, or disposal of hazardous materials or wastes?

☐ Potentially Significant Impact

☐ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporation

☒ No Impact

Discussion/Explanation:

No Impact: The project will not create a significant hazard to the public or the environment because it does not propose the storage, use, transport, emission, or disposal of Hazardous Substances, nor are Hazardous Substances proposed or currently in use in the immediate vicinity.

- b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

☐ Potentially Significant Impact

☐ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☒ No Impact

Discussion/Explanation:

No Impact: The project will not contain, handle, or store any potential sources of chemicals or compounds that would present a significant risk of accidental explosion or release of hazardous substances.

- c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

☐ Potentially Significant Impact

☐ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☒ No Impact

Discussion/Explanation:

No Impact: The project is not located within one-quarter mile of and existing or proposed school. Therefore, the project will not have any effect on an existing or proposed school.

- d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The project is not located on a site listed in the State of California Hazardous Waste and Substances sites list compiled pursuant to Government Code Section 65962.5.

- e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The proposed project is not located within a Comprehensive Land Use Plan (CLUP) for airports; or within two miles of a public airport. Also, the project does not propose construction of any structure equal to or greater than 150 feet in height, constituting a safety hazard to aircraft and/or operations from an airport or heliport. Therefore, the project will not constitute a safety hazard for people residing or working in the project area.

- f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The proposed project is not within one mile of a private airstrip. As a result, the project will not constitute a safety hazard for people residing or working in the project area.

- g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

- ☐ Potentially Significant Impact
☐ Potentially Significant Unless Mitigation Incorporated

- ☒ Less than Significant Impact
☐ No Impact

Discussion/Explanation:

The following sections summarize the project's consistency with applicable emergency response plans or emergency evacuation plans.

i. OPERATIONAL AREA EMERGENCY PLAN:

Less Than Significant Impact: The Operational Area Emergency Plan is a framework document that provides direction to local jurisdictions to develop specific operational area of San Diego County. It provides guidance for emergency planning and requires subsequent plans to be established by each jurisdiction that has responsibilities in a disaster situation. The project will not interfere with this plan because it will not prohibit subsequent plans from being established.

ii. SAN DIEGO COUNTY NUCLEAR POWER STATION EMERGENCY RESPONSE PLAN

No Impact: The San Diego County Nuclear Power Station Emergency Response Plan will not be interfered with by the project due to the location of the project, plant and the specific requirements of the plan. The emergency plan for the San Onofre Nuclear Generating Station includes an emergency planning zone within a 10-mile radius. All land area within 10 miles of the plant is not within the jurisdiction of the unincorporated County and as such a project in the unincorporated area is not expected to interfere with any response or evacuation.

iii. OIL SPILL CONTINGENCY ELEMENT

No Impact: The Oil Spill Contingency Element will not be interfered with because the project is not located along the coastal zone or coastline.

iv. EMERGENCY WATER CONTINGENCIES ANNEX AND ENERGY SHORTAGE RESPONSE PLAN

No Impact: The Emergency Water Contingencies Annex and Energy Shortage Response Plan will not be interfered with because the project does not propose altering major water or energy supply infrastructure, such as the California Aqueduct.

v. DAM EVACUATION PLAN

No Impact: The Dam Evacuation Plan will not be interfered with because the project is located outside a dam inundation zone.

- h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

Less Than Significant Impact: The proposed project is adjacent to wildlands that have the potential to support wildland fires. However, the project will not expose people or structures to a significant risk of loss, injury or death involving wildland fires because the project will comply with the regulations relating to emergency access, water supply, and defensible space specified in the Consolidated Fire Code for the 17 Fire Protection Districts in San Diego County and Appendix II-A, as adopted and amended by the local fire protection district. Implementation of these fire safety standards will occur during the Tentative Map, Tentative Parcel Map, or building permit process. Also, a Fire Service Availability Letter and conditions, dated August 7, 2006 have been received from the Rural Fire Protection District. The conditions from the Rural Fire Protection District include: improvement of proposed access roads and a fire protection plan. A Fire Protection Plan dated December 2005 was prepared and has been approved by the Rural Fire Protection District and DPLU Fire Services Specialist. The Fire Service Availability Letter indicates the expected emergency travel time to the project site to be 7 minutes. The Maximum Travel Time allowed pursuant to the County Public Facilities Element is ten minutes. Therefore, based on the review of the project by County staff, through compliance with the Consolidated Fire Code and Appendix II-A and through compliance with the Rural Fire Protection District's conditions, it is not anticipated that the project will expose people or structures to a significant risk of loss, injury or death involving hazardous wildland fires. Moreover, the project will not contribute to a cumulatively considerable impact, because all past, present and future projects in the surrounding area required to comply with the Consolidated Fire Code and Appendix II-A.

- i) Propose a use, or place residents adjacent to an existing or reasonably foreseeable use that would substantially increase current or future resident's

exposure to vectors, including mosquitoes, rats or flies, which are capable of transmitting significant public health diseases or nuisances?

☐ Potentially Significant Impact

☐ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☒ No Impact

Discussion/Explanation:

No Impact: The project does not involve or support uses that allow water to stand for a period of 72 hours (3 days) or more (e.g. artificial lakes, agricultural irrigation ponds). Also, the project does not involve or support uses that will produce or collect animal waste, such as equestrian facilities, agricultural operations (chicken coops, dairies etc.), solid waste facility or other similar uses. Moreover, based on a site visit conducted by Megan Hamilton on November 16, 2004 there are none of these uses on adjacent properties. Therefore, the project will not substantially increase current or future resident's exposure to vectors, including mosquitoes, rats or flies.

VIII. HYDROLOGY AND WATER QUALITY -- Would the project:

a) Violate any waste discharge requirements?

☐ Potentially Significant Impact

☐ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☒ No Impact

Discussion/Explanation:

No Impact: The project does not propose waste discharges that require waste discharge requirement permits, NPDES permits, or water quality certification from the San Diego Regional Water Quality Control Board (SDRWQCB). In addition, the project does not propose any known sources of polluted runoff or land use activities that would require special site design considerations, source control Best Management Practices (BMPs) or treatment control BMPs, under the San Diego Municipal Storm Water Permit (SDRWQCB Order No. 2001-01).

b) Is the project tributary to an already impaired water body, as listed on the Clean Water Act Section 303(d) list? If so, could the project result in an increase in any pollutant for which the water body is already impaired?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

Less Than Significant Impact: The project lies in the Middle Tribuco hydrologic subarea, within the Tijuana River hydrologic unit. According to the Clean Water Act Section 303(d) list, July 2003, portions of this watershed are impaired. The Tijuana River is impaired for eutrophication, coliform bacteria, organic enrichment/low dissolved oxygen, pesticides, solids, synthetic organics, trace elements, and trash; Tijuana River Estuary is impaired for eutrophication, coliform bacteria, lead, nickel, pesticides, thallium, trash; and the Pacific Ocean at the Tijuana River mouth is impaired for coliform bacteria. Constituents of concern in the Tijuana River watershed include: Freshwater: coliform bacteria, nutrients, trace metals, pesticides, miscellaneous toxics, low dissolved oxygen, and trash; Groundwater: total dissolved solids, nitrates, petroleum, MTBE, and solvents.

The project proposes the following activities that are associated with these pollutants: development of four new single family residences. However, the following site design measures and/or source control BMPs and/or treatment control BMPs will be employed such that potential pollutants will be reduced in any runoff to the maximum extent practicable so as not to increase the level of these pollutants in receiving waters: silt fences, sand bag barriers, water conservation practices etc.

The proposed BMPs are consistent with regional surface water and storm water planning and permitting process that has been established to improve the overall water quality in County watersheds. As a result the project will not contribute to a cumulative impact to an already impaired water body, as listed on the Clean Water Act Section 303(d). Regional surface water and storm water permitting regulation for County of San Diego, Incorporated Cities of San Diego County, and San Diego Unified Port District includes the following: Order 2001-01 (NPDES No. CAS 0108758), adopted by the San Diego Region RWQCB on February 21, 2001; County Watershed Protection, Storm Water Management, and Discharge Control Ordinance (WPO) (Ord. No. 9424); County Stormwater Standards Manual adopted on February 20, 2002, and amended January 10, 2003 (Ordinance No. 9426). The stated purposes of these ordinances are to protect the health, safety and general welfare of the County of San Diego residents; to protect water resources and to improve water quality; to cause the use of management practices by the County and its citizens that will reduce the adverse effects of polluted runoff discharges on waters of the state; to secure benefits from the use of storm water as a resource; and to ensure the County is compliant with applicable state and federal laws. Ordinance No. 9424 (WPO) has discharge prohibitions, and requirements that vary depending on type of land use activity and location in the County. Ordinance No. 9426 is Appendix A of Ordinance No. 9424 (WPO) and sets out in more detail, by project category, what Dischargers must do to comply with the Ordinance and to receive permits for projects and activities that are subject to the Ordinance. Collectively, these regulations establish standards for projects to follow which intend to improve water quality from headwaters to the deltas of each watershed in the County. Each project subject to WPO is required to prepare a Stormwater Management Plan that details a project's pollutant discharge contribution to a given watershed and propose BMPs or design measures to mitigate any impacts that may occur in the watershed.

- c) Could the proposed project cause or contribute to an exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

Less Than Significant Impact: The Regional Water Quality Control Board has designated water quality objectives for waters of the San Diego Region as outlined in Chapter 3 of the Water Quality Control Plan (Plan). The water quality objectives are necessary to protect the existing and potential beneficial uses of each hydrologic unit as described in Chapter 2 of the Plan.

The project lies in the Middle Tribuco hydrologic subarea, within the Tijuana River hydrologic unit that has the following existing and potential beneficial uses for inland surface waters, coastal waters, reservoirs and lakes, and ground water: municipal and domestic supply; agricultural supply; industrial process supply, industrial service supply; freshwater replenishment; contact water recreation; non-contact water recreation; warm freshwater habitat; cold freshwater habitat; wildlife habitat; commercial and sport fishing; preservation of biological habitats of special significance; estuarine habitat; marine habitat; migration of aquatic organisms; shellfish harvesting; and, rare, threatened, or endangered species habitat.

The project proposes the following potential sources of polluted runoff: construction activities associated with four new single-family residences. However, the following site design measures and/or source control BMPs and/or treatment control BMPs will be employed to reduce potential pollutants in runoff to the maximum extent practicable, such that the proposed project will not cause or contribute to an exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses: silt fences, sand bag barriers, water conservation practices etc.

In addition, the proposed BMPs are consistent with regional surface water, storm water and groundwater planning and permitting process that has been established to improve the overall water quality in County watersheds. As a result, the project will not contribute to a cumulatively considerable exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses. Refer to Section VIII., Hydrology and Water Quality, Question b, for more information on regional surface water and storm water planning and permitting process.

- d) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The proposed project is groundwater dependent with no access to imported water. The estimated water use for five single family residents is approximately 2.5 acre-feet per year. Based on a site visit conducted by Murray Wunderly on November 5, 2003, site specific conditions were observed that indicate that shallow groundwater exists on-site. Additionally, the large lot size (in excess of requirements in the Groundwater Ordinance) in conjunction with small water demand result in a condition where it is highly likely that onsite recharge will be more than adequate to supply the water demands of the project. Therefore, the project would not be expected to deplete groundwater supplies or result in a lowering of the local groundwater table. The project would also not interfere with groundwater recharge because the project will not result in a diversion of runoff outside the watershed.

- e) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The project proposes a minor subdivision . As outlined in the Stormwater Management Plan (SWMP) dated August 22, 2003 and prepared by Jean Pijnenburg, the project will implement the following site design measures, source control, and/or treatment control BMPs to reduce potential pollutants, including sediment from erosion or siltation, to the maximum extent practicable from entering storm water runoff: silt fences, sand bag barriers, water conservation practices etc. These measures will control erosion and sedimentation and satisfy waste discharge requirements as required by the Land-Use Planning for New Development and Redevelopment Component of the San Diego Municipal Permit (SDRWQCB Order No. 2001-01), as implemented by the San Diego County Jurisdictional Urban Runoff Management Program (JURMP) and Standard Urban Storm Water Mitigation Plan (SUSMP). The SWMP specifies and describes the implementation process of all BMPs that will address equipment operation and materials management, prevent the erosion process from occurring, and prevent sedimentation in any onsite and downstream drainage swales. The Department of Public Works will ensure that the Plan is implemented as proposed. Due to these factors, it has been found that the project will

not result in significantly increased erosion or sedimentation potential and will not alter any drainage patterns of the site or area on- or off-site. In addition, because erosion and sedimentation will be controlled within the boundaries of the project, the project will not contribute to a cumulatively considerable impact. For further information on soil erosion refer to VI. Geology and Soils, Question b.

- f) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

Less Than Significant Impact: The proposed project will not significantly alter established drainage patterns or significantly increase the amount of runoff for the following reasons (based on a the CEQA Preliminary Drainage Study prepared by May Engineering and Surveying dated October 6, 2004 which was reviewed and accepted by DPW):

Drainage will be conveyed to either natural drainage channels or approved drainage facilities, through engineering standards, in order to not significantly alter established drainage patterns and not significantly increase the water surface in watercourses and not significantly increase surface runoff.

Therefore, the project will not substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site. Moreover, the project will not contribute to a cumulatively considerable alteration or a drainage pattern or increase in the rate or amount of runoff, because the project will not substantially alter established drainage patterns, or increase the water surface or increase the runoff exiting the site, as indicated above.

- g) Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

Less Than Significant Impact: The project does not propose to create or contribute runoff water that would exceed the capacity of existing or planned storm water drainage systems. In addition, DPW has reviewed and accepted the CEQA Preliminary Drainage Study prepared by May Engineering and Surveying dated October 6, 2004.

h) Provide substantial additional sources of polluted runoff?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The project proposes the following potential sources of polluted runoff: construction activities, activities associated with single family residences. However, the following site design measures and/or source control BMPs and/or treatment control BMPs will be employed such that potential pollutants will be reduced in runoff to the maximum extent practicable: silt fences, sand bag barriers, water conservation practices etc. Refer to VIII Hydrology and Water Quality Questions a, b, c, for further information.

i) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map, including County Floodplain Maps?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: No FEMA mapped floodplains, County-mapped floodplains or drainages with a watershed greater than 25 acres were identified on the project site, therefore, no impact will occur.

j) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: No 100-year flood hazard areas were identified on the project site therefore, no impact will occur.

- k) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The project site lies outside any identified special flood hazard area including a mapped dam inundation area for a major dam/reservoir within San Diego County. In addition, the project is not located immediately downstream of a minor dam that could potentially flood the property. Therefore, the project will not expose people to a significant risk of loss, injury or death involving flooding.

- l) Inundation by seiche, tsunami, or mudflow?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

- i. SEICHE

No Impact: The project site is not located along the shoreline of a lake or reservoir; therefore, could not be inundated by a seiche.

- ii. TSUNAMI

No Impact: The project site is located more than a mile from the coast; therefore, in the event of a tsunami, would not be inundated.

- iii. MUDFLOW

No Impact: Mudflow is type of landslide. The site is not located within a landslide susceptibility zone. Also, staff geologist has determined that the geologic environment of the project area has a low probability to be located within an area of potential or pre-existing conditions that could become unstable in the event of seismic activity. In addition, though the project does propose land disturbance that will expose unprotected soils, the project is not located downstream from unprotected, exposed soils within a

landslide susceptibility zone. Therefore, it is not anticipated that the project will expose people or property to inundation due to a mudflow.

IX. LAND USE AND PLANNING -- Would the project:

a) Physically divide an established community?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The project does not propose the introducing new infrastructure such major roadways or water supply systems, or utilities to the area. Therefore, the proposed project will not significantly disrupt or divide the established community.

b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The proposed project is subject to the Regional Land Use Element Policy 2.4 Non-Urban Residential Designations and General Plan Land Use Designation (18) Multiple Rural Use. The General Plan requires minimum gross parcel sizes of 4, 8 and 20 depending on the slope. The proposed project has gross parcel sizes and density that are consistent with the General Plan. The project is subject to the policies of the Jamul/Dulzura Community Plan. The proposed project is consistent with the policies of the Jamul/Dulzura Community Plan. The current zone is A70, Limited Agriculture, which requires a net minimum lot size of eight acres north of SR 94 and 20 acres south of SR 94. The proposed project is consistent with the Zoning Ordinance requirements for minimum lot size.

X. MINERAL RESOURCES -- Would the project:

a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The lands within the project site do not have a Mineral Land Classification from the California Department of Conservation – Division of Mines and Geology (Update of Mineral Land Classification: Aggregate Materials in the Western San Diego Production-Consumption Region, 1997); but the site is located within an alluvial river valley that has a significant source of replenishment or is underlain by coastal marine/non-marine granular deposits. The staff geologist has reviewed the site's geologic environment and has determined that this resource is not a significant loss of availability of a known mineral resource of value to the region and the residents of the state. Moreover, if the resources are not considered significant mineral deposits, loss of these resources cannot contribute to a potentially significant cumulative impact.

- b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The project site is zoned A70, which is not considered to be an Extractive Use Zone (S82) nor does it have an Impact Sensitive Land Use Designation (24) with an Extractive Land Use Overlay (25) (County Land Use Element, 2000).

XI. NOISE -- Would the project result in:

- a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

- | | |
|--|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input checked="" type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Potentially Significant Unless Mitigation Incorporated: The project is a minor subdivision and will be occupied by residents. Based on a site visit completed by Megan Hamilton the surrounding area is undeveloped. The project will not expose people to potentially significant noise levels that exceed the allowable limits of the County of San Diego General Plan, County of San Diego Noise Ordinance, and other applicable standards for the following reasons:

General Plan – Noise Element

The County of San Diego General Plan, Noise Element, Policy 4b addresses noise sensitive areas and requires an acoustical study to be prepared for any use that may expose noise sensitive areas to noise in excess of a Community Noise Equivalent Level (CNEL) of 60 decibels (dBA). Moreover, if the project is excess of CNEL 60 dB(A), modifications must be made to the project to reduce noise levels. Noise sensitive areas include residences, hospitals, schools, libraries or similar facilities where quiet is an important attribute. The project is required to dedicate a noise protection easement extending 300 ft from the centerline of SR 94. This will ensure the project will not expose people to potentially significant noise levels that exceed the allowable limits of the County of San Diego General Plan, Noise Element.

Noise Ordinance – Section 36-404

Non-transportation noise generated by the project is not expected to exceed the standards of the County of San Diego Noise Ordinance (Section 36-404) at or beyond the project's property line. The site and adjacent properties are zoned A70 that has a one-hour average sound limit of 45dB. Based on review by staff and the County Noise Specialist John Bennett the project's noise levels are not anticipated to impact adjoining properties or exceed County Noise Standards, because the project does not involve any noise producing equipment that would exceed applicable noise levels at the adjoining property line.

Noise Ordinance – Section 36-410

The project will not generate construction noise that may exceed the standards of the County of San Diego Noise Ordinance (Section 36-410). Construction operations will occur only during permitted hours of operation pursuant to Section 36-410. Also, It is not anticipated that the project will operate construction equipment in excess of an average sound level of 75 dB between the hours of 7:00 AM and 7:00 PM.

Finally, the project's conformance to the County of San Diego General Plan (Noise Element, Policy 4b) and County of San Diego Noise Ordinance (Section 36-404 and 36.410) ensures the project will not create cumulatively considerable noise impacts, because the project will not exceed the local noise standards for noise sensitive areas; and the project will not exceed the applicable noise level limits at the property line or construction noise limits, derived from State regulation to address human health and quality of life concerns. Therefore, the project will not contribute to a cumulatively considerable exposure of persons or generation of noise levels in excess of standards established in the local general plan, noise ordinance, and applicable standards of other agencies.

- b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?

☐ Potentially Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☒ Less than Significant Impact

☐ No Impact

Discussion/Explanation:

Less Than Significant Impact: The project proposes a residential use where low ambient vibration is essential for interior operation and/or sleeping conditions. However, the facilities are setback 200 feet from any public road or transit Right-of-Way with projected noise contours of 65 dB or more; any property line for parcels zoned industrial or extractive use; or any permitted extractive uses. A setback of 200 feet ensures that the operations do not have any chance of being impacted by groundborne vibration or groundborne noise levels (Harris, Miller Miller and Hanson Inc., *Transit Noise and Vibration Impact Assessment* 1995). In addition, the setback ensures that the project will not be affected by any past, present or future projects that may support sources of groundborne vibration or groundborne noise.

Also, the project does not propose any major, new or expanded infrastructure such as mass transit, highways or major roadways or intensive extractive industry that could generate excessive groundborne vibration or groundborne noise levels and impact vibration sensitive uses in the surrounding area.

Therefore, the project will not expose persons to or generate excessive groundborne vibration or groundborne noise levels on a project or cumulative level.

- c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The project involves the following permanent noise sources that may increase the ambient noise level: residential uses. As indicated in the response listed under Section XI Noise, Question a., the project would not expose existing or planned noise sensitive areas in the vicinity to a substantial permanent increase in noise levels that exceed the allowable limits of the County of San Diego General Plan, County of San Diego Noise Ordinance, and other applicable local, State, and Federal noise control. Also, the project is not expected to expose existing or planned noise sensitive areas to noise 10 dB CNEL over existing ambient noise levels based on review of the project by County staff. Studies completed by the Organization of Industry Standards (ISO 362; ISO 1996 1-3; ISO 3095; and ISO 3740-3747) state an increase of 10 dB is perceived as twice as loud and is perceived as a significant increase in the ambient noise level.

The project will not result in cumulatively noise impacts because a list of past, present and future projects within in the vicinity were evaluated. It was determined that the project in combination with a list of past, present and future project would not expose

existing or planned noise sensitive areas to noise 10 dB CNEL over existing ambient noise levels. Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered.

- d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The project does not involve any uses that may create substantial temporary or periodic increases in ambient noise levels in the project vicinity including but not limited to extractive industry; outdoor commercial or industrial uses that involve crushing, cutting, drilling, grinding, or blasting of raw materials; truck depots, transfer stations or delivery areas; or outdoor sound systems.

Also, general construction noise is not expected to exceed the construction noise limits of the County of San Diego Noise Ordinance (Section 36-410), which are derived from State regulations to address human health and quality of life concerns. Construction operations will occur only during permitted hours of operation pursuant to Section 36-410. Also, it is not anticipated that the project will operate construction equipment in excess of 75 dB for more than an 8 hours during a 24-hour period. Therefore, the project would not result in a substantial temporary or periodic increase in existing ambient noise levels in the project vicinity.

- e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The proposed project is not located within a Comprehensive Land Use Plan (CLUP) for airports or within two miles of a public airport or public use airport. Therefore, the project will not expose people residing or working in the project area to excessive airport-related noise levels.

- f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The proposed project is not located within a one-mile vicinity of a private airstrip; therefore, the project will not expose people residing or working in the project area to excessive airport-related noise levels.

XII. POPULATION AND HOUSING -- Would the project:

- a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The proposed project will not induce substantial population growth in an area because the project does not propose any physical or regulatory change that would remove a restriction to or encourage population growth in an area including, but limited to the following: new or extended infrastructure or public facilities; new commercial or industrial facilities; large-scale residential development; accelerated conversion of homes to commercial or multi-family use; or regulatory changes including General Plan amendments, specific plan amendments, zone reclassifications, sewer or water annexations; or LAFCO annexation actions.

- b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The property currently has one existing dwelling unit, which is to remain. This residential development would not displace any amount of existing housing. Potentially a total of five single-family dwellings will exist when the lots are developed.

- c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The property currently has one existing dwelling unit, which is to remain. This residential development would not displace any amount of existing housing. Potentially a total of five single-family dwellings will exist when the lots are developed. Therefore, the proposed project will not displace a substantial number of people

XIII. PUBLIC SERVICES

- a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance service ratios, response times or other performance objectives for any of the public services:

- i. Fire protection?
- ii. Police protection?
- iii. Schools?
- iv. Parks?
- v. Other public facilities?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: Based on the service availability forms received for the project, the proposed project will not result in the need for significantly altered services or facilities. Service availability forms have been provided which indicate existing services are available to the project from the following agencies/districts: Rural Fire Protection District, Grossmont Union, Jamul-Dulzura School Districts. The project does not

involve the construction of new or physically altered governmental facilities including but not limited to fire protection facilities, sheriff facilities, schools, or parks in order to maintain acceptable service ratios, response times or other performance service ratios or objectives for any public services. Therefore, the project will not have an adverse physical effect on the environment because the project does not require new or significantly altered services or facilities to be constructed.

XIV. RECREATION

- a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

Less Than Significant Impact: The project involves a residential subdivision that will increase the use of existing neighborhood and regional parks or other recreational facilities. To avoid substantial physical deterioration of local recreation facilities the project will be required to pay fees or dedicate land for local parks to the County pursuant to the Park Land Dedication Ordinance (PLDO). The Park Land Dedication Ordinance (PLDO) is the mechanism that enables the funding or dedication of local parkland in the County. The PLDO establishes several methods by which developers may satisfy their park requirements. Options include the payment of park fees, the dedication of a public park, the provision of private recreational facilities, or a combination of these methods. PLDO funds must be used for the acquisition, planning, and development of local parkland and recreation facilities. Local parks are intended to serve the recreational needs of the communities in which they are located. The proposed project opted to pay fees. Therefore, the project meets the requirements set forth by the PLDO for adequate parkland dedication and thereby reducing impacts, including cumulative impacts to local recreational facilities. The project will not result in significant cumulative impacts, because all past, present and future residential projects are required to comply with the requirements of PLDO. Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered.

There is an existing surplus of County Regional Parks. Currently, there is over 21,765 acres of regional parkland owned by the County, which far exceeds the General Plan standard of 15 acres per 1,000 population. In addition, there are over one million acres of publicly owned land in San Diego County dedicated to parks or open space including Federal lands, State Parks, special districts, and regional river parks. Due to the extensive surplus of existing publicly owned lands that can be used for recreation the project will not result in substantial physical deterioration of regional recreational facilities or accelerate the deterioration of regional parkland. Moreover, the project will not result any cumulatively considerable deterioration or accelerated deterioration of regional

recreation facilities because even with all past, present and future residential projects a significant surplus of regional recreational facilities will remain.

- b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?

- | | |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact |

Discussion/Explanation:

No Impact: The project does not include recreational facilities or require the construction or expansion of recreational facilities. Therefore, the construction or expansion of recreational facilities cannot have an adverse physical effect on the environment.

XV. TRANSPORTATION/TRAFFIC -- Would the project:

- a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant: The project will generate approximately an additional 48 ADT which (per SANDAG traffic rates four lots times 12 ADT per lot = 48 ADT). The project was reviewed by DPW and was determined not to result in a substantial increase in the number of vehicle trips, volume of capacity ratio on roads, or congestion at intersections in relation to existing conditions for the following reasons:

Currently there is 6300 ADT on SR 94. The existing level of service on SR 94 is LOS "C." The level of service with the project will be LOS "C." The increase of 48 ADT will not be a substantial increase.

Given the County's traffic thresholds of 200 ADT on a road operating at LOS E and 100 ADT on a road operating at LOS F, there would be no direct impacts to a road segment. Using SANDAG's estimate for AM and PM peak hour trips the project would generate less than five peak hour trips and will not exceed the five additional trips to a critical move threshold - especially when the trips are distributed on the road network.

Therefore, the project will not have a significant direct project impact on traffic volume, which is considered substantial in relation to existing traffic load and capacity of the street system.

- b) Exceed, either individually or cumulatively, a level of service standard established by the County congestion management agency and/or as identified by the County of San Diego Transportation Impact Fee Program for designated roads or highways?

☐ Potentially Significant Impact

☐ Less than Significant Impact

☒ Potentially Significant Unless Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

Potentially Significant Impact Unless Mitigation Incorporated: The County of San Diego has developed an overall programmatic solution that addresses existing and projected future road deficiencies in the unincorporated portion of San Diego County. This program includes the adoption of a Transportation Impact Fee (TIF) program to fund improvements to roadways necessary to mitigate potential cumulative impacts caused by traffic from future development. Based on SANDAG regional growth and land use forecasts, the SANDAG Regional Transportation Model was utilized to analyze projected build-out (year 2030) development conditions on the existing circulation element roadway network throughout the unincorporated area of the County. Based on the results of the traffic modeling, funding necessary to construct transportation facilities that will mitigate cumulative impacts from new development was identified. Existing roadway deficiencies will be corrected through improvement projects funded by other public funding sources, such as TransNet, gas tax, and grants. Potential cumulative impacts to the region's freeways have been addressed in SANDAG's Regional Transportation Plan (RTP). This plan, which considers freeway buildout over the next 30 years, will use funds from TransNet, state, and federal funding to improve freeways to projected level of service objectives in the RTP.

The proposed project generates approximately an additional 48 ADT. These trips will be distributed on circulation element roadways in the County that were analyzed by the TIF program, some of which currently or are projected to operate at inadequate levels of service. These project trips therefore contribute to a potential significant cumulative impact and mitigation is required. The potential growth represented by this project was included in the growth projections upon which the TIF program is based. Therefore, payment of the TIF, which will be required at issuance of building permits, in combination with other components of the program described above, will mitigate potential cumulative traffic impacts to less than significant.

- c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?

- ☐ Potentially Significant Impact
☐ Potentially Significant Unless
Mitigation Incorporated

- ☐ Less than Significant Impact
☒ No Impact

Discussion/Explanation:

No Impact: The proposed project is located outside of an Airport Master Plan Zone and is not adjacent to any public or private airports; therefore, the project will not result in a change in air traffic patterns.

- d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

- ☐ Potentially Significant Impact
☐ Potentially Significant Unless
Mitigation Incorporated

- ☐ Less than Significant Impact
☒ No Impact

Discussion/Explanation:

No Impact: The proposed project will not alter traffic patterns, roadway design, or place incompatible uses (e.g., farm equipment) on existing roadways. Additionally, there are no significant impacts to traffic safety since adequate sight distance will be required along Barrett Smith Road and SR-94 looking in both directions from the project accesses.

- e) Result in inadequate emergency access?

- ☐ Potentially Significant Impact
☐ Potentially Significant Unless
Mitigation Incorporated

- ☒ Less than Significant Impact
☐ No Impact

Discussion/Explanation:

Less Than Significant: The proposed project will not result in inadequate emergency access. The Rural Fire Protection District has reviewed the proposed project and associated emergency access roadways and has determined that there is adequate emergency fire access proposed. Additionally, roads used will be required to be improved to County standards.

- f) Result in inadequate parking capacity?

- ☐ Potentially Significant Impact
☐ Potentially Significant Unless
Mitigation Incorporated

- ☒ Less than Significant Impact
☐ No Impact

Discussion/Explanation:

Less Than Significant Impact: The Zoning Ordinance Section 6758 Parking Schedule requires two on-site parking spaces for each dwelling unit. The proposed lots have sufficient area to provide at least two on-site parking spaces consistent with the Zoning Ordinance.

- g) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant: The project does not propose any hazards or barriers for pedestrians or bicyclists. Any required improvements will be constructed to maintain existing conditions as it relates to pedestrians and bicyclists.

XVI. UTILITIES AND SERVICE SYSTEMS -- Would the project:

- a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?

- | | |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact |

Discussion/Explanation:

Less Than Significant Impact: The project proposes to discharge domestic waste to on-site wastewater systems (OSWS), also known as septic systems. Discharged wastewater must conform to the Regional Water Quality Control Board's (RWQCB) applicable standards, including the Regional Basin Plan and the California Water Code. California Water Code Section 13282 allows RWQCBs to authorize a local public agency to issue permits for OSWS "to ensure that systems are adequately designed, located, sized, spaced, constructed and maintained." The RWQCBs with jurisdiction over San Diego County have authorized the County of San Diego, Department of Environmental Health (DEH) to issue certain OSWS permits throughout the County and within the incorporated cities. DEH has reviewed the OSWS lay-out for the project pursuant to DEH, Land and Water Quality Division's, "On-site Wastewater Systems: Permitting Process and Design Criteria." DEH approved the project's OSWS on April 4, 2005. Therefore, the project is consistent with the wastewater treatment requirements of the RWQCB as determined by the authorized, local public agency.

- b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

☐ Potentially Significant Impact
☐ Potentially Significant Unless
Mitigation Incorporated

☐ Less than Significant Impact
☒ No Impact

Discussion/Explanation:

No Impact: The project does not include new or expanded water or wastewater treatment facilities. In addition, the project does not require the construction or expansion of water or wastewater treatment facilities. Therefore, the project will not require any construction of new or expanded facilities, which could cause significant environmental effects.

- c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

☐ Potentially Significant Impact
☐ Potentially Significant Unless
Mitigation Incorporated

☐ Less than Significant Impact
☒ No Impact

Discussion/Explanation:

No Impact: The project does not include new or expanded storm water drainage facilities.

- d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?

☐ Potentially Significant Impact
☐ Potentially Significant Unless
Mitigation Incorporated

☒ Less than Significant Impact
☐ No Impact

Discussion/Explanation:

Less Than Significant Impact: The proposed project is groundwater dependent with no access to imported water. The estimated water use for five single-family residents is approximately 2.5 acre-feet per year. Based on a site visit conducted by Murray Wunderly on November 5, 2003, site specific conditions were observed that indicate that shallow groundwater exist on-site. Additionally, the large lot size (in excess of requirements in the Groundwater Ordinance) in conjunction with small water demand result in a condition where it is highly likely that onsite recharge will be more than

adequate to supply the water demands of the project. Therefore, the project is expected to have sufficient water supplies available to serve the project from existing entitlements and resources.

- e) Result in a determination by the wastewater treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

☐ Potentially Significant Impact

☐ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☒ No Impact

Discussion/Explanation:

No Impact: The proposed project will rely completely on an on-site wastewater system (septic system); therefore, the project will not interfere with any wastewater treatment provider's service capacity.

- f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

Less Than Significant Impact: Implementation of the project will generate solid waste. All solid waste facilities, including landfills require solid waste facility permits to operate. In San Diego County, the County Department of Environmental Health, Local Enforcement Agency issues solid waste facility permits with concurrence from the California Integrated Waste Management Board (CIWMB) under the authority of the Public Resources Code (Sections 44001-44018) and California Code of Regulations Title 27, Division 2, Subdivision 1, Chapter 4 (Section 21440et seq.). There are five, permitted active landfills in San Diego County with remaining capacity. Therefore, there is sufficient existing permitted solid waste capacity to accommodate the project's solid waste disposal needs.

- g) Comply with federal, state, and local statutes and regulations related to solid waste?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless
Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

Less than Significant Impact: Implementation of the project will generate solid waste. All solid waste facilities, including landfills require solid waste facility permits to operate. In San Diego County, the County Department of Environmental Health, Local Enforcement Agency issues solid waste facility permits with concurrence from the California Integrated Waste Management Board (CIWMB) under the authority of the Public Resources Code (Sections 44001-44018) and California Code of Regulations Title 27, Division 2, Subdivision 1, Chapter 4 (Section 21440et seq.). The project will deposit all solid waste at a permitted solid waste facility and therefore, will comply with Federal, State, and local statutes and regulations related to solid waste.

XVII. MANDATORY FINDINGS OF SIGNIFICANCE:

- a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

☐ Potentially Significant Impact

☐ Less than Significant Impact

☒ Potentially Significant Unless
Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

Per the instructions for evaluating environmental impacts in this Initial Study, the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory were considered in the response to each question in sections IV and V of this form. In addition to project specific impacts, this evaluation considered the projects potential for significant cumulative effects. Resources that have been evaluated as significant would be potentially impacted by the project, particularly biology. However, mitigation has been included that clearly reduces these effects to a level below significance. This mitigation includes dedication of onsite biological open space easements. As a result of this evaluation, there is no substantial evidence that, after mitigation, significant effects associated with this project would result. Therefore, this project has been determined not to meet this Mandatory Finding of Significance.

- b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past

projects, the effects of other current projects, and the effects of probable future projects)?

- ☐ Potentially Significant Impact
☒ Potentially Significant Unless
Mitigation Incorporated

- ☐ Less than Significant Impact
☐ No Impact

Discussion/Explanation:

The following list of past, present and future projects were considered and evaluated as a part of this Initial Study: None

Per the instructions for evaluating environmental impacts in this Initial Study, the potential for adverse cumulative effects were considered in the response to each question in sections I through XVI of this form. In addition to project specific impacts, this evaluation considered the projects potential for incremental effects that are cumulatively considerable. As a result of this evaluation, there were determined to be potentially significant cumulative effects related to traffic. However, mitigation has been included that clearly reduces these cumulative effects to a level below significance. This mitigation includes payment of the TIF. As a result of this evaluation, there is no substantial evidence that, after mitigation, there are cumulative effects associated with this project. Therefore, this project has been determined not to meet this Mandatory Finding of Significance.

- c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?

- ☐ Potentially Significant Impact
☒ Potentially Significant Unless
Mitigation Incorporated

- ☐ Less than Significant Impact
☐ No Impact

Discussion/Explanation:

In the evaluation of environmental impacts in this Initial Study, the potential for adverse direct or indirect impacts to human beings were considered in the response to certain questions in sections I. Aesthetics, III. Air Quality, VI. Geology and Soils, VII. Hazards and Hazardous Materials, VIII Hydrology and Water Quality XI. Noise, XII. Population and Housing, and XV. Transportation and Traffic. As a result of this evaluation, there were determined to be potentially significant effects to human beings related to the following noise. However, mitigation has been included that clearly reduces these effects to a level below significance. This mitigation includes dedication of onsite noise protection easement. As a result of this evaluation, there is no substantial evidence that, after mitigation, there are adverse effects to human beings associated with this project. Therefore, this project has been determined not to meet this Mandatory Finding of Significance.

XVIII. REFERENCES USED IN THE COMPLETION OF THE INITIAL STUDY CHECKLIST

All references to Federal, State and local regulation are available on the Internet. For Federal regulation refer to <http://www4.law.cornell.edu/uscode/>. For State regulation refer to www.leginfo.ca.gov. For County regulation refer to www.amlegal.com. All other references are available upon request.

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